

Technical Page – Hospital Quality Measures

Heart Failure

Performance Measures

The heart failure data is a composite measure based on 2 individual indicators as reported on the CMS hospital compare website <http://www.hospitalcompare.hhs.gov>

Heart Failure Quality Indicators Included in the Composite Measure
Percent of patients given assessment of Left Ventricular Function (LVF)
Percent of patients given ACE inhibitor or ARB for Left Ventricular Systolic Dysfunction (LVSD)

Methodology

The numerators of all individual performance measures included for the condition are summed to determine the composite numerator. The denominators of all the individual performance measures included for the condition are summed to determine the composite denominator. The composite numerator is divided by the composite denominator to determine the composite performance rate. The state average rate is computed by summing all hospitals composite numerators and composite denominators, then dividing the numerator sum by the denominator sum.

Statistical Significance

To determine if a rate is statistically significant, 95% confidence intervals were computed around each individual hospital rate and compared to the RI state average. The following table lists the statistical significance for each RI hospital's rates compared to the state average.

Heart Failure State Average, October 2004-September 2005: **91.9%**

Rate is statistically higher than the state average	Rate (%)	Rate is statistically the same as the state average	Rate (%)	Rate is statistically lower than the state average	Rate (%)
Miriam Hospital	89.5	St. Josephs Hospital	91.2	Kent County Hospital	94.5
Newport Hospital	85.7			Landmark Medical Center	95.7
Roger Williams	89.0			Memorial Hospital	96.2
South County Hospital	90.3			Rhode Island Hospital	93.7
Westerly Hospital	86.5				